PART. FLOOR PLAN STATIC GROUND SYSTEM - NORTH WING

SCALE: 1/8" = 1'-0"

FLOOR PLAN — POWER & LOW TENSION

SCALE: 1/8" = 1'-0"

PART. FLOOR PLAN STATIC GROUND SYSTEM - EAST WING

SCALE: 1/8" = 1'-0"

PART. PLAN - UTILITY ROOM #115

SCALE: 1/4" = 1'-0"

PANELBOARD SCHEDULE

CKT. NO.	AMPS	POLES	USE
			PANEL A - FUSIBLE MOUNTED, 120/208 VOLT. 3 PHASE, 4 WIRE, MAIN LUGS ONLY, MOLDED CASE (BOLTED) BRANCH CIRCUIT BREAKERS W/ 5 AMP FUSES.
1 - 11	20	1	LIGHTING
12 - 30	20	1	SPARES
			PANEL B - SAME AS PANEL A; 225 AMP BUSES
1 - 12	20	1	RECEPTACLES
13 - 15	20	1	UNIT HEATERS
16 - 18	20	1	EXHAUST FANS
19	20	1	EXH. UNIT FAN
20	15	3	EXHAUST FAN
21	80	3	EXHAUST FAN RF-1
22	30	3	AHU #2
23	80	3	AHU #1
24	15	3	EXH. FAN
25 - 32	20	1	SPARES
			PANEL C - SAME AS PANEL A EXCEPT SURFACE MOUNTED. 225 AMP BUSES
1 - 11	20	1	RECEPTACLES
12 - 16	30	2	RECEPTACLES
17 - 20	15	3	OVERHEAD DOOR MOTORS.
21 - 22	20	1	RECEPTACLE
23	30	1	RECEPTACLE
24 - 29	20	1	SPARES
			PANEL D - SAME AS PANEL A EXCEPT SURFACE MOUNTED. 225 AMP BUSES
1 - 8	20	1	RECEPTACLES
9 - 13	30	2	RECEPTACLES
14	60	3	LIFT POWER UNIT
15	20	1	TIRE CHANGER RECEPT.
16	20	1	RECEPTACLE
17 - 23	20	1	SPARE
24 - 29	—	1	SPACES
			PANEL E - SAME AS PANEL A EXCEPT SURFACE MOUNTED. 225 AMP BUSES
1 - 2	30	3	FUTURE WELDERS
3 - 4	30	3	FUTURE WELDERS
5	100	3	FUTURE WELDER
6	—	3	SPACE.
			PANEL F - SAME AS PANEL A EXCEPT SURFACE MOUNTED. 225 AMP BUSES
1 - 6	20	3	OVERHEAD DOOR MOTORS.
7	30	3	BLOWER.
8	30	3	TIRE CHANGER.
9	30	3	SPARE
10	30	3	FUTURE WHEEL BALANCER
11 - 12	20	3	SPARES
13 - 14	—	3	SPACES
			PANEL H: SAME AS PANEL A EXCEPT SURFACE MTD 225 AMP BUSES
1	20	2	TIMECLOCK 'A' (EXT. & INT. MTD. FIXTURES)
2	20	2	TIMECLOCK 'B' (EXT. & INT. MTD. FIXTURES)
3	20	1	OIL BURNER CONTROLS
4	20	1	DOM. H.W. CIRC.
5	20	1	A/C FAN UNIT
6	20	1	H.W. CIRC.
7	15	3	H.W. CIRC.
8	20	3	H.W. CIRC.
9	20	3	OIL BURNER
10	30	3	EXTERIOR CONDENSER
11	20	1	EXTERIOR LTG.
12	20	2	VEHICLE FUEL PUMP
13	20	2	VEHICLE FUEL PUMP
14	60	3	AIR COMPRESSOR
15-16	15	3	SPARES
17	20	2	EXT. & LTG. FIXTURE (TIME CLOCK "B")
18-23	20	1	SPARES
			PANEL MDP: SURFACE MTD'D 120/208V, 3ϕ, 4W MAIN LUGS ONLY, MOLDED CASE, BOLTED BRANCH CIRCUIT BREAKERS 800 AMP BUSES
1	20	1	EXT. LIGHTS (LOCK-ON)
2	20	1	EXTERL. EXHT. UNIT (LOCK-ON)
3	20	1	FIRE ALARM (LOCK-ON)
4 - 5	20	1	RECEPTACLES
6	20	1	SPARE
7	125	3	PANEL A
8	200	3	PANEL B
9	150	3	PANEL C
10	150	3	PANEL D
11	200	3	PANEL E
12	100	3	PANEL F
13	150	3	PANEL H
14	40	3	PANEL P7 (STORAGE BUILDING #7)
15 - 16	20	3	SPARES
17 - 18	—	3	SPACES

NOTES:

1. ALL PANELBOARDS TO BE MIN. 20" WIDE X 5 3/4" DEEP
2. ALL PANELBOARDS TO BE NUMBERED VERTICALLY IN PHASE SEQUENCE
3. ALL BRANCH CIRCUIT BREAKERS TO BE RATED MIN. 10,000 AIC.
4. FROM EACH FLUSH PANEL RUN TWO 3/4" EMPTY CONDUITS UP AND TURN OUT UP OVER SUSPENDED CEILING & CAP FOR FUTURE SPARE CIRCUITS.
5. ALL PANELBOARDS SHALL CONTAIN AN EQUIPMENT GROUNDING TERMINAL BAR WHICH SHALL BE FRONTED TO POWDERCOATED CABINET BUT SHALL NOT BE CONNECTED TO THE INSULATED NEUTRAL BAR. ELECTRICAL CONTRACTOR TO INSTALL SHORTING JUMPERS BETWEEN PEDESTAL CONDUITS & CONDUITS CONDUCTORS AS CALLED FOR BY THE N.E. CODE

			PANEL P7: SURFACE MTD'D 120/208V, 3ϕ, 4W, 40 A MAIN NON-AUTOMATIC BOLTED MOLDED CASE CIRCUIT BREAKER & BOLTED MOLDED CASE BRANCH CIRCUIT BREAKERS. 100A MAIN BUSES
1 - 2	20	1	LIGHTING
3	20	1	RECEPTACLES
4 - 5	20	1	FUTURE CIRCUITS
6	20	3	SPACE
7 - 10	20	1	SPARES

NOTES:

1. TELEPHONE, GROUNDING: RUN 1 #8 BARE COPPER WIRE IN 1 1/2" C. TO AND ATTACH TO BUILDING SERVICE GROUNDING GRID AT TELEPHONE SERVICE BOARD. INSTALL J.B. AND LEAVE 3'-0" BLACK WIRE FOR EXTENSION, BY N.E.T&T CO.

GRAPHIC SCALES